



US ARMY
RDECOM

**Washington Area Battery Center of
Excellence (WABCOE)**



Inaugural Workshop of Washington Area Battery Center of Excellence (WABCOE)

November 25, Tuesday, 2014

Auditorium, Army Research Lab, Adelphi Laboratory Center

ORGANIZERS: Dr. Cynthia A Lundgren (ARL), Dr. Kang Xu (ARL), Prof. Chunsheng Wang (UMCP), Ms. Shannon Wolf (Admin Assistant)

November 25, Tuesday, 2014

06:45 Registration/Badging and Breakfast at Lobby and ARL Cafeteria

07:50 Opening Remarks, Logistic Issues (Cynthia A Lundgren or Kang Xu)

08:00 Welcome and Overview on ARL Open Campus (Dr. Thomas Russell, Dir. ARL)

08:30 Army Energy and Power Perspective and Partnership Initiative (Perconti. Dir. SEDD, ARL)

09:00 Energy and Power Research at ARL (Dr. Ed Shaffer, Chief, E&P Division, ARL)

09:30 DOE EERE Battery Research (Dr. Tien Duong, or David Howell, or Peter Faguy, DOE PM)

09:50 DOE BES Battery Research (Dr. Craig Henderson, DOE PM)

10:10 Coffee Break

10:30 DOE ARPA-E Battery Research (Dr. Ping Liu, DOE PM)

10:50 UMD Perspective on Energy and Power Research (Ken Gertz, VP, UMD)

11:05 Battery Research Activities at ANL (Dr. Khalil Amine, ANL Fellow, PI and Project Lead)

11:25 Washington D. C. Regional Excellence Center for Advanced Battery Research: Vision, Facilities and Operation (Dr. Lundgren, ARL, Admin POC)

12:00 Lunch/Collaborative Discussions

13:00 Battery Research at UMD (Dr. Gary Rubloff, Dir. EFRC, UMD)

13:20 Solid State Electrolyte Research at UMD (Eric Wachsman, Dir. Energy Center, UMD)

13:40 Battery Diagnostic Technologies at NIST (Dr. David L. Jacobson, NIST)

14:00 Battery research at the Naval Research Lab (Dr. Jeffrey W. Long, NRL)

14:20 Energy Storage Materials Research at NSWC (Dr. Tricia Smith, NSWC)

14:40 Coffee Break

15:10 Battery research at NASA's Goddard Space Flight Center (Dr. Thomas Yi, NASA Goddard Research Center)



US ARMY

RDECOM

Washington Area Battery Center of Excellence (WABCOE)



15:30 Bioengineering Materials at John Hopkins University (Prof. Chao Wang, JHU)

15:45 Bioengineering Materials at University of Maryland Baltimore County (Prof. Mark Allen, UMBC)

16:00 Energy Storage Materials Research at University of Virginia (Prof. Gary Koenig, UVA)

16:15 Battery R&D and Materials Processing at Saft (Kamen Nechev, CTO, Saft)

16:40 Battery R&D at DuPont (Dr. George Kodokian, Lead Energy Storage Team, DuPont)

17:05 Open Forum Discussion on Regional Excellence Center for Advanced Battery Research (Coordinator: Cindy Lundgren, Kang Xu, Chunsheng Wang)

17:50 Concluding Remarks, Action Items (Coordinator: Cindy Lundgren, Kang Xu, Chunsheng Wang)

18:00 End of Workshop